

ABSTRACT OF THE DISCLOSURE

[0223] The present invention provides a method of producing a zinc oxide thin film in which a current is passed between a conductive substrate immersed in an aqueous solution containing at least zinc ions, ammonium ions and zinc ammonia complex ions, and an electrode as an anode immersed in the aqueous solution to form a zinc oxide thin film on the conductive substrate. This method stabilizes formation of the zinc oxide thin film and improves adhesion between the thin film and the substrate.

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